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| FORM PTO-1390 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV. 11-2000) | | ATTORNEY'S DOCKET NUMBER |
| TRANSMITTAL LETTER TO THE UNITED STATES | | WRA0007-US |
| DESIGNATED/ELECTED OFFICE (DO/EO/US) | | U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR |
| CONCERNING A FILING UNDER 35 U.S.C. 371 | | 10/518480 |
| INTERNATIONAL APPLICATION NO. PCT/AU2003/000777 | INTERNATIONAL FILING DATE 20 JUNE 2003 (20.06.03) | PRIORITY DATE CLAIMED 20 JUNE 2002 (20.06.02) |

TITLE OF INVENTION

PULSE SEQUENCES FOR EXCITING NUCLEAR QUADRUPOLE RESONANCE

APPLICANT(S) FOR DO/EO/US

MIKHALTSEVITCH, Vassili, Timofeevitch; RUDAKOV, Taras, Nikolaevitch; FLEXMAN, John, Harold; ; HAYES, Peter, Alaric; and CHISHOLM, Warrick, Paul

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. A copy of the International Search Report (PCT/ISA/210).

Items 13 to 20 below concern document(s) or information included:

13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. A **FIRST** preliminary amendment.
16. A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. A substitute specification.
18. A change of power of attorney and/or address letter.
19. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20. A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22. Express Mail Label No.
23. Other items or information:

ACKNOWLEDGEMENT POSTCARD

| | | |
|--|---|---|
| U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 10/518480 | INTERNATIONAL APPLICATION NO. PCT/AU2003/000777 | ATTORNEY'S DOCKET NUMBER WRA0007-US |
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24. The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :

| | |
|--|-----------|
| <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO | \$1080.00 |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO | \$920.00 |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO | \$770.00 |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) | \$730.00 |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) | \$100.00 |

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$1,000.00

Surcharge of **\$130.00** for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

\$0.00

| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | |
|--|--------------|--------------|--------------------------|--|
| Total claims | 15 - 20 = | 0 | x \$50.00 | \$0.00 |
| Independent claims | 5 - 3 = | 2 | x \$200.00 | \$400.00 |
| Multiple Dependent Claims (check if applicable) | | | <input type="checkbox"/> | \$0.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$1,400.00 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$0.00 |
| SUBTOTAL = | | | | \$1,400.00 |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). | | | | \$0.00 |
| TOTAL NATIONAL FEE = | | | | \$1,400.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). | | | | <input type="checkbox"/> \$0.00 |
| TOTAL FEES ENCLOSED = | | | | \$1,400.00 |
| | | | | Amount to be: refunded <input type="checkbox"/> \$ |
| | | | | charged <input type="checkbox"/> \$ |

- A check in the amount of **\$1,400.00** to cover the above fees is enclosed.
- Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees.
- The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____
- Fees are to be charged to a credit card. **WARNING: Information on this form may become public. Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

MICHAEL D. BEDNAREK
REG. NO. 32,329
SHAW PITTMAN LLP
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SIGNATURE

Michael D. Leni
41,009

for

MICHAEL D. BEDNAREK

NAME

32,329

REGISTRATION NUMBER

DECEMBER 20, 2004

DATE

10/518480
Rec'd PCT/PTO 29 SEP 2005

Attorney's Docket No.: WRA0007-US

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Serial No.: 10/518,480

Art Unit: Unknown

Inventor: Vassili T. MIKHALTSEVITCH et al.

The Commissioner is hereby authorized to charge the amount of \$130 to Deposit Account 03-3975 to cover the required fees for submission of these documents, and a copy of this authorization is attached.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account 03-3975.

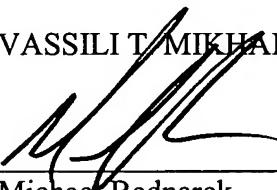
It is respectfully submitted that the application is now complete and it is respectfully requested that the subject application be placed upon the files for examination.

PILLSBURY WINTHROP SHAW PITTMAN LLP
1650 Tysons Boulevard
McLean, VA 22102
Tel: 703/770-7900

Respectfully submitted,

VASSILI T. MIKHALTSEVITCH ET AL.

Date: September 29, 2005

By: 

Michael Bednarek
Registration No. 32,329

MB/ggb

Customer No. 28970

Document #: 1332823 v.1

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